

EAST SEARCH

8/31/2006

L#	Hits	Search String	Databases
S9	49	S3 and ("web page" with monitor\$3)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S8	26	S3 and ("browser session" with state)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S1	144	browser session with server	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S7	23	S3 and (heartbeat)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S6	2	S3 and ("web page" with "heartbeat page" or heartbeat)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S5	77	S3 and (client with "web page" with request\$3)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S4	83	S3 and ((multiple or plurality) near2 server)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S3	564	S1 or S2	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S2	564	browser session	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S29	265	S4 or S5 or S6 or S7 or S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15 or S16 or S17 or	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S27	28	S3 and (page with content with (modifier\$4 or modification))	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S26	6	S3 and (partial\$2 with update\$3)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S24	59	S3 and (page with update)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S28	18	S3 and ((Frame or IFrame or Layer) with element)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S16	1	S3 and (changed with "page identifier")	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S15	1	S3 and (unchanged with "page identifier")	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S11	9	S3 and ("web page" with "page identifier")	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S14	33	S3 and ((predefined or prespecified or threshold) near2 time)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S12	1	S3 and ((monitor\$3 or detect\$3) with (user near2 inactivity))	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S23	1	S3 and (page with partial with update)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S22	50	S3 and (trigger\$3 with event)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S21	3	S3 and ("web page" with trigger\$3 with event)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S20	7	S3 and ("proxy page")	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S19	1	S3 and ("web page" with "proxy page")	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S18	41	S3 and ("web page" with "state")	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S17	1	S3 and ("web page" with "state identifier")	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S25	2	S3 and (partial with update\$3)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S13	8	S3 and ((monitor\$3 or detect\$3) with (user near2 (activity or inactivity)))	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S10	19	S3 and ((monitor\$3 or detect\$3) with server with (available or availability))	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S53	59	S32 and (page with update)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S47	41	S32 and ("web page" with state)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S39	19	S32 and ((monitor\$3 or detect\$3) with server with (available or availability))	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S38	49	S32 and ("web page" with monitor\$3)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S37	26	S32 and ("browser session" with state)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S31	564	browser session	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S59	15	S32 and (heartbeat with server)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S58	265	S33 or S34 or S35 or S36 or S37 or S38 or S39 or S40 or S41 or S42 or S43 or S44 or S45 or	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S56	28	S32 and (page with content with (modifier\$4 or modification))	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S55	6	S32 and (partial\$2 with update\$3)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S54	2	S32 and (partial with update\$3)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB
S57	18	S32 and ((Frame or IFrame or Layer) with element)	US-PGPUB: USPAT: USOCR: FPRS: EPO: JPO: DERWENT: IBM: TDB

S49	7	S32 and ("proxy page")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S52	1	S32 and (page with partial with update)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S51	50	S32 and (trigger\$3 with event)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S50	3	S32 and ("web page" with trigger\$3 with event)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S48	1	S32 and ("web page" with "proxy page")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S46	1	S32 and ("web page" with "state identifier")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S45	1	S32 and (changed with "page identifier")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S44	1	S32 and (unchanged with "page identifier")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S43	33	S32 and ((predefined or prespecified or threshold) near2 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S42	8	S32 and ((monitor\$3 or detect\$3) with (user near2 (activity or inactivity)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S41	1	S32 and ((monitor\$3 or detect\$3) with (user near2 inactivity))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S40	9	S32 and ("web page" with "page identifier")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S36	23	S32 and (heartbeat)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S34	77	S32 and (client with "web page" with request\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S35	2	S32 and ("web page" with ("heartbeat page" or heartbeat))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S33	83	S32 and ((multiple or plurality) near2 server)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S32	564	S30 or S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB
S30	144	browser session with server	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB

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### Results of search set S91:

Document Kind	Code	Title	Issue Date	Current OR	Abstract
US 20060195779 A1	A1	Methods, systems and computer program products for maintaining a separation between mail	20060831	715/501.1	
US 20060179003 A1	A1	Consumer-controlled limited and constrained access to a centrally stored information account	20060810	705/59	
US 20060174327 A1	A1	Apparatus and method for a personal cookie repository service for cookie management amor	20060803	726/3	
US 20060168645 A1	A1	Apparatus and method for a personal cookie repository service for cookie management amor	20060727	726/3	
US 20060168251 A1	A1	Methods and systems for transferring client device data over a network	20060727	709/228	
US 20060168188 A1	A1	Method and system for presenting events associated with recorded data exchanged between	20060727	709/223	
US 20060168053 A1	A1	METHOD AND APPARATUS FOR IMMUNIZING DATA IN COMPUTER SYSTEMS FROM C	20060727	709/206	
US 20060136187 A1	A1	Server recording and client playback of computer network characteristics	20060622	703/13	
US 20060129642 A1	A1	Group-browsing system	20060615	709/205	
US 20060100928 A1	A1	System and method for providing content to a mobile communication device	20060511	705/14	
US 20060075141 A1	A1	Networked computing using objects	20060406	709/246	
US 20060075110 A1	A1	System and method for gracefully reestablishing an expired browser session	20060406	709/227	
US 20060075027 A1	A1	User interface and anti-phishing functions for an anti-spam micropayments system	20060406	709/206	
US 20060036756 A1	A1	Scalable, multi-user server and method for rendering images from interactively customizable	20060216	709/231	
US 20060036683 A1	A1	System and method for managing states and user context over stateless protocols	20060209	709/250	
US 20060031592 A1	A1	System and method for user enrollment in an e-community	20060209	705/50	
US 2006003162 A1	A1	Linking from paper invoices and statements to on-line resources	20060209	703/13	
US 20060031054 A1	A1	Server recording and client playback of computer network characteristics	20060202	705/14	
US 20060026064 A1	A1	Platform for advertising data integration and aggregation	20060202	705/14	
US 20060026063 A1	A1	System and method for advertising campaign strategy development and optimization	20060202	705/14	

US 20060026062 A1	System and method for optimizing advertising marketplace operations	20060202 705/14
US 20060026061 A1	Platform for enabling an online advertising marketplace	20060202 705/14
US 20060026060 A1	System and method for provision of advertiser services including client application	20060202 705/14
US 20060007902 A1	Method and apparatus for improving utilization efficiency of wireless links for web-based appli	20060112 370/338
US 20060004772 A1	Privacy and security method and system for a World-Wide-Web site	20060105 707/10
US 20060003780 A1	Mixed-mode interaction	20060105 455/466
US 20060002541 A1	System and method for outbound calling from a distributed telecommunications platform	20060105 379/265,09
US 20050283408 A1	System and method to prevent termination of on-line transactions	20051222 705/26
US 20050273849 A1	Network access using secure tunnel	20051208 726/12
US 20050273463 A1	System for calculating client sessions information	20051208 707/7
US 20050262357 A1	Network access using reverse proxy	20051124 713/182
US 20050261929 A1	Method, apparatus and article for tracking and/or rewarding third parties within a networked c	20051124 705/1
US 20050257400 A1	Navigating a resource browser session	20051124 36/13
US 20050256867 A1	Search systems and methods with integration of aggregate user annotations	20051117 707/5
US 20050251856 A1	Network access using multiple authentication realms	20051110 726/12
US 20050234891 A1	Search systems and methods with integration of user annotations	20051020 707/3
US 20050228899 A1	Systems and methods for producing, managing, delivering, and/or tracking permis-	20051013 709/232
US 20050228890 A1	System for managing operating sessions of an executable application	20051013 709/227
US 20050221898 A1	Universal game server	20051006 463/42
US 20050216457 A1	Systems and methods for collecting user annotations	20050929 707/4
US 20050210102 A1	System and method for enabling identification of network users having similar interests and it	20050922 709/204
US 20050209007 A1	Universal game server	20050922 463/42
US 20050209006 A1	Universal game server	20050922 463/42
US 20050204041 A1	Cross-domain authentication	20050915 709/225
US 20050198493 A1	Distribution methods and apparatus for promoting distributed digital content on a local networ	20050908 713/154
US 20050198300 A1	Data logging framework	20050908 709/227
US 20050198195 A1	Timely update of information displayed within a portal	20050908 709/217
US 20050197847 A1	Facility management computer system operable for receiving data over a network generated	20050908 705/1
US 20050165626 A1	Computer system and method for increasing patients compliance to medical care instructions	20050707 709/203
US 20050149616 A1	Methods, systems and computer program products for assisted browser navigation	20050623 719/313
US 20050138633 A1	Method and system for confirming the launch of interstitial content on an end user computer	20050623 358/1,15
US 20050134901 A1	Preparation of production data for a print job using a still image proxy of a page description la	20050609 707/10
US 20050125417 A1	Database system and method for organizing and sharing information	20050519 709/224
US 20050108390 A1	System and method for managing browser sessions in single and multi-server workflow enviro	20050512 719/328
US 20050102683 A1	Method and apparatus for managing multiple data processing systems using existing heterog	20050505 709/200
US 20050097159 A1	Apparatus and method for remotely sharing information and providing remote interactive assi	20050428 707/10
US 20050091218 A1	System and process providing remote data capture with later upload to a real estate multiple	20050421 715/760
US 20050086606 A1	Web playlist system, method, and computer program	20050324 709/227
US 20050066037 A1	Browser session mobility system for multi-platform applications	20050317 713/154
US 20050060535 A1	Methods and apparatus for monitoring local network traffic on local network segments and re:	20050310 463/42
US 20050054445 A1	Universal game server	20050224 340/539,13
US 20050044197 A1	Structured methodology and design patterns for web services	20050210 705/26
US 20050040944 A1	Electronic monitoring systems and methods	20050203 709/219
US 20050033656 A1	Collaboration system suitable for on-line shopping	20050127 709/226
US 20050027823 A1	Server-based browser system	20041230 709/220
US 20050021756 A1	Method of developing, delivering and rendering network applications	20041230 707/104,1
US 20040267911 A1	Automatic configuration of a server	
US 20040267820 A1	Method and system for recording and replaying internet transactions	

US 20040260470 A1	Conveyance scheduling and logistics system	20041223 701/300
US 20040254979 A1	Mechanism for supporting browser navigation while preserving important application return st	20041216 709/203
US 20040240642 A1	Apparatus, systems and methods for managing incoming and outgoing communication	20041202 379/88.22
US 20040239681 A1	Visual content browsing using rasterized representations	20041202 345/581
US 20040237043 A1	Source file generation apparatus	20041125 715/530
US 20040216036 A1	Browser user interface	20041028 715/501.1
US 20040205514 A1	Hyperlink preview utility and method	20041014 715/501.1
US 20040193424 A1	Portal data passing through non-persistent browser cookies	20040930 704/270.1
US 20040181467 A1	Multi-modal warehouse applications	20040916 705/28
US 20040181461 A1	Multi-modal sales applications	20040916 705/26
US 20040172597 A1	Method and apparatus for a zero development web-based graphical user interface	20040902 715/513
US 20040162675 A1	System presenting meteorological information using a browser interface	20040819 702/3
US 20040151323 A1	IMPLEMENTING NONREPUDIATION AND AUDIT USING AUTHENTICATION ASSERTION	20040805 380/280
US 20040148500 A1	SYSTEM FOR IMPLEMENTING BUSINESS PROCESSES USING KEY SERVER EVENTS	20040729 713/150
US 20040128534 A1	Method and product for identifying a website visitor session by visitor e-mail address	20040701 726/13
US 20040117804 A1	Multi modal interface	20040617 719/320
US 20040117460 A1	Multi-user web simulator	20040617 709/219
US 20040117409 A1	Application synchronisation	20040617 707/200
US 20040117376 A1	Method for distributed acquisition of data from computer-based network data sources	20040617 707/10
US 20040117170 A1	Web simulator	20040617 703/17
US 20040107250 A1	METHODS AND SYSTEMS FOR INTEGRATING COMMUNICATION RESOURCES USING	20040603 709/204
US 20040103199 A1	Method and system for client browser update from a life cache	20040527 709/228
US 20040085366 A1	Method for maintaining state information in a browser session across multiple web sites	20040506 715/854
US 20040078604 A1	Device independent authentication system and method	20040422 726/5
US 20040073644 A1	System and method for processing web activity data	20040415 709/223
US 20040073512 A1	Unique session storage design	20040415 705/51
US 20040049673 A1	Apparatus and method for a personal cookie repository service for cookie management amor	20040311 713/150
US 20040049534 A1	Receiving and reporting page-specific user feedback concerning one or more particular web l	20040311 709/203
US 20040031058 A1	Method and apparatus for browsing using alternative linkbases	20040212 725/112
US 20040024842 A1	Validation framework for validating markup page input on a client computer	20040205 709/219
US 20040010682 A1	Secure resource access in a distributed environment	20040115 713/156
US 20040003351 A1	Navigating a resource browser session	20040101 715/517
US 20040001104 A1	Resource browser sessions search	20040101 715/811
US 20030229900 A1	Method and apparatus for browsing using multiple coordinated device sets	20031211 725/87
US 20030221068 A1	Method and system for data cache	20031127 711/126
US 20030220989 A1	Method and system for client browser update	20031127 709/220
US 20030218633 A1	Method and system for data capture with hidden applets	20031127 715/760
US 20030212887 A1	Maintaining authentication states for resources accessed in a stateless environment	20031113 713/151
US 20030187991 A1	System and method for facilitating communication between network browsers and process in:	20031002 709/227
US 20030182622 A1	Technique for synchronizing visual and voice browsers to enable multi-modal browsing	20030925 715/511
US 20030182402 A1	Method and apparatus for creating an image production file for a custom imprinted article	20030925 709/220
US 20030179407 A1	Preparation of production data for a print job using a still image format proxy of a page descri	20030925 358/1.18
US 20030177351 A1	System and method for single session sign-on with cryptography	20030918 713/156
US 20030174155 A1	Multi-modal synchronization	20030918 715/700
US 20030164855 A1	Content management system	20030904 715/763
US 20030145071 A1	Method, apparatus, and system for capturing data exchanged between server and a user	20030731 709/223
US 20030142122 A1	Method, apparatus, and system for replaying data selected from among data captured during	20030731 715/704
US 20030132958 A1	Method for managing browser display	20030717 715/745

US 20030115267 A1	System and method for user enrollment in an e-community	20030619 709/204
US 20030115201 A1	Access control repository for providing access control of service profiles for web based soluti	20030619 707/10
US 20030110266 A1	Apparatus and method of using session state data across sessions	20030612 709/227
US 20030105819 A1	Web collaborative browsing system and method using internet relay chat protocol	20030605 709/205
US 20030105812 A1	Hybrid system architecture for secure peer-to-peer-communications	20030605 709/203
US 20030091025 A1	Scalable call management system	20030515 370/352
US 20030084112 A1	Ethernet communications for power monitoring system	20030501 709/208
US 20030074552 A1	Security server system	20030417 713/150
US 20030067483 A1	Information personalisation method	20030410 715/745
US 20030055883 A1	Synthetic transaction monitor	20030320 709/203
US 20030046407 A1	Electronic rights management	20030306 709/229
US 20030043844 A1	Method and apparatus for improving utilization efficiency of wireless links for web-based appli	20030306 370/466
US 20030041263 A1	SECURE CUSTOMER INTERFACE FOR WEB BASED DATA MANAGEMENT	20030227 726/4
US 20030032409 A1	Method and system for distributing content over a wireless communications system	20030213 455/414.1
US 20030028565 A1	Technique for implementing browser-initiated user-transparent network-distributed advertising	20030206 715/513
US 20030023734 A1	Regulating access to a scarce resource	20030130 709/229
US 20030023724 A1	Regulating access to a scarce resource	20030130 709/225
US 20030023712 A1	Site monitor	20030130 709/223
US 20030023488 A1	Technique for implementing interstitial web advertising through use of an Ad Descriptor file	20030130 705/14
US 20030018885 A1	Technique for implementing browser-initiated user-transparent network-distributed advertising	20030123 713/2
US 20030014368 A1	Systems, methods and apparatus for secure printing of negotiable instruments	20030116 705/64
US 20030005118 A1	Method and system for secure server-based session management using single-use HTTP co	20030102 709/225
US 20030005000 A1	Technique for implementing browser-initiated user-transparent network-distributed advertising	20030102 715/513
US 20030004897 A1	Method and system for communicating user specific information	20030102 705/76
US 20030004804 A1	Technique for implementing interstitial web advertising through use of an Ad Descriptor file	20030102 705/14
US 20020198883 A1	Web system having clustered application servers and clustered databases	20021226 707/10
US 20020198778 A1	Technique for implementing interstitial web advertising through use of an Ad Descriptor file	20021226 705/14
US 20020194296 A1	Stopping a slow download of internally included objects in a downloaded HTML page on a we	20021219 709/217
US 20020184360 A1	Methods and apparatus for managing devices without network attachments	20021205 709/223
US 20020178213 A1	Remote URL munging	20021128 709/203
US 20020178186 A1	Remote URL munging business method	20021128 715/513
US 20020174421 A1	Java application response time analyzer	20021121 717/174
US 20020169822 A1	System and method of virtual schooling	20021114 709/203
US 20020168670 A1	Network banner advertisement system and method	20021107 709/224
US 20020165954 A1	System and method for monitoring browser event activities	20021107 709/203
US 20020165909 A1	Method for adapting an internet web server to short-term changes in demand	20021017 709/203
US 20020152267 A1	Method for facilitating access to multimedia content	20021017 715/500
US 20020152232 A1	METHOD FOR PRESERVING THE STATE OF A JAVA APPLET DURING THE LIFETIME OI	20021003 709/203
US 20020143861 A1	Method and apparatus for managing state information in a network data processing system	20021003 709/203
US 20020143859 A1	Selective synchronization of web browsers	20021003 705/14
US 20020143627 A1	Network banner advertisement system and method	20020919 715/513
US 20020133518 A1	Apparatus and accompanying methods for network distribution and interstitial rendering of inf	20020912 709/203
US 20020129102 A1	APPARATUS AND ACCOMPANYING METHODS FOR NETWORK DISTRIBUTION AND IN	20020829 709/200
US 20020120666 A1	Apparatus and accompanying methods for network distribution and interstitial rendering of inf	20020829 705/35
US 20020120536 A1	Financial institution wireless internet system and method	20020822 709/224
US 20020116489 A1	Sharing web sessions	20020815 709/224
US 20020112048 A1	System and method for providing behavioral information of a user accessing on-line resource	20020808 709/203
US 20020107918 A1	System and method for capturing, matching and linking information in a global communicati	

US 2002007321 A1	System and method for securely communicating between application servers and web servers	20020613 709/229
US 20020065944 A1	Enhancement of communication capabilities	20020530 719/310
US 20020065881 A1	Wireless family bulletin board	20020530 709/204
US 20020065875 A1	System and method for managing states and user context over stateless protocols	20020530 709/203
US 20020063732 A1	Electronic calendar system	20020530 715/733
US 20020062251 A1	System and method for wireless consumer communications	20020523 705/14
US 20020051541 A1	System and method for maintaining state between a client and server	20020502 380/258
US 20020046221 A1	Method, system, and apparatus for providing data regarding the operation and monitoring of:	20020418 715/513
US 20020032731 A1	Group-browsing system	20020314 709/204
US 20020015042 A1	Visual content browsing using rasterized representations	20020207 345/581
US 20020007317 A1	METHOD, SYSTEM AND PROGRAM PRODUCTS FOR SHARING STATE INFORMATION /	20020117 705/26
US 20020002635 A1	Presentation of an active window in a terminal and method of using same	20020103 719/328
US 20010054155 A1	Privacy and security method and system for a World-Wide-Web site	20011220 713/193
US 20010052006 A1	METHOD FOR COMPUTER INTERNET REMOTE MANAGEMENT OF A TELECOMMUNIC	20011213 709/223
US 20010049620 A1	Privacy-protected targeting system	20011206 705/10
US 20010047398 A1	Managing chemical information and commerce	20011129 709/218
US 20010047392 A1	MULTIPLYING OF CLIENTS AND APPLICATIONS AMONG MULTIPLE SERVERS	20011129 709/208
US 20010038624 A1	Internet telephony for e-commerce	20011108 370/352
US 20010037407 A1	System and method for managing user-specific data	20011101 709/250
US 20010034814 A1	CACHING WEB RESOURCES USING VARIED REPLACEMENT STRATEGIES AND STOIC	20011025 711/118
US 20010029528 A1	Self-service terminal	20011011 709/219
US 20010023476 A1	Method of caching web resources	20010920 711/118
US 20010013096 A1	TRUSTED SERVICES BROKER FOR WEB PAGE FINE-GRAINED SECURITY LABELING	20010809 713/154
US 7089194 B1	Method and apparatus for providing reduced cost online service and adaptive targeting of ad	20060808 705/14
US 7076546 B1	Browser for use in accessing hypertext documents in a multi-user computer environment	20060711 709/224
US 7073135 B2	Information personalisation method	20060704 715/772
US 7069309 B1	Apparatus and methods for requesting an event notification over a network	20060627 709/219
US 7065568 B2	System and method for managing states and user context over stateless protocols	20060620 709/223
US 7062475 B1	Personalized multi-service computer environment	20060613 706/11
US 7058046 B2	Scalable call management system	20060606 370/352
US 7054923 B2	Access control repository for providing access control of service profiles for web based soluti	20060530 709/219
US 7039699 B1	Tracking usage behavior in computer systems	20060502 709/224
US 7024630 B2	Method for managing browser display	20060404 715/747
US 7016877 B1	Consumer-controlled limited and constrained access to a centrally stored information account	20060321 705/50
US 7016875 B1	Single sign-on for access to a central data repository	20060321 705/44
US 7013251 B1	Server recording and client playback of computer network characteristics	20060314 703/13
US 6993596 B2	System and method for user enrollment in an e-community	20060131 709/250
US 6990630 B2	TECHNIQUE FOR IMPLEMENTING BROWSER-INITIATED USER-TRANSPARENT NETW	20060124 715/500
US 6985837 B2	System presenting meteorological information using a browser interface	20060110 703/3
US 6973456 B1	Database system and method for organizing and sharing information	20051206 707/10
US 6965938 B1	System and method for clustering servers for performance and load balancing	20051115 709/229
US 6965880 B2	Transaction number management method in network commodity sales	20051115 705/75
US 6952836 B1	Method and apparatus for managing the provisioning of client devices connected to an intera	20051004 725/116
US 6947444 B2	Method and apparatus for improving utilization efficiency of wireless links for web-based appli	20050920 370/466
US 6947063 B1	System and method for data transfer with respect to external applications	20050920 715/851
US 6944660 B2	Apparatus and method for monitoring browser event activities	20050913 709/224
US 6938257 B1	Apparatus and method to provide persistence for application interfaces	20050830 719/311
US 6925307 B1	Mixed-mode interaction	20050802 455/466

US 6907455 B1	Apparatus and methods for providing an event driven notification over a network to a telephone	20050614 709/217
US 6886134 B1	System and method for providing an application navigator client menu side bar	20050426 715/760
US 6883015 B1	Apparatus and method for providing server state and attribute management for multiple-threa	20050419 709/203
US 6880123 B1	Apparatus and accompanying methods for implementing a network distribution server for use	20050412 715/500.1
US 6839149 B2	Preparation of production data for a print job using a still image proxy of a page description la	20050104 358/1.15
US 6820085 B2	Web system having clustered application servers and clustered databases	20041116 707/10
US 6813768 B1	Method and system for automatic task focus swapping during browser wait time	20041102 718/107
US 6791974 B1	Universal internet based telephony system that provides ubiquitous access for subscribers fr	20040914 370/352
US 6789170 B1	System and method for customizing cached data	20040907 711/133
US 6785659 B1	Agent-based technique for implementing browser-initiated user-transparent interstitial web ad	20040831 705/14
US 6769022 B1	Methods and apparatus for managing heterogeneous storage devices	20040727 709/223
US 6721781 B1	Method of providing an alternative audio format of a web page in response to a request for al	20040413 709/203
US 6711618 B1	Apparatus and method for providing server state and attribute management for voice enablec	20040323 709/228
US 6707811 B2	Internet telephony for ecommerce	20040316 370/352
US 6704024 B2	Visual content browsing using rasterized representations	20040309 345/581
US 6701363 B1	Method, computer program product, and system for deriving web transaction performance me	20040302 709/224
US 6687737 B2	Apparatus and accompanying methods for network distribution and interstitial rendering of int	20040203 709/203
US 6638315 B2	Method for preserving the state of a java applet during the lifetime of its container	20031028 715/513
US 6625643 B1	System and method for resource management on a data network	20030923 709/217
US 6606708 B1	Secure server architecture for Web based data management	20030812 726/8
US 6598167 B2	Secure customer interface for web based data management	20030722 726/8
US 6591272 B1	Method and apparatus to make and transmit objects from a database on a server computer to	20030708 707/102
US 6584499 B1	Methods and apparatus for performing mass operations on a plurality of managed devices on	20030624 709/220
US 6526479 B2	Method of caching web resources	20030225 711/133
US 6516338 B1	Apparatus and accompanying methods for implementing network servers for use in providing	20030204 709/203
US 6480955 B1	Methods and apparatus for committing configuration changes to managed devices prior to co	20021112 713/100
US 6480901 B1	System for monitoring and managing devices on a network from a management station via a	20021112 709/246
US 6466967 B2	Apparatus and accompanying methods for network distribution and interstitial rendering of int	20021015 709/203
US 6453342 B1	Method and apparatus for selective caching and cleaning of history pages for web browsers	20020917 709/213
US 6438592 B1	Systems for monitoring and improving performance on the world wide web	20020820 709/224
US 6418471 B1	Method for recording and reproducing the browsing activities of an individual web browser	20020709 709/227
US 6363421 B1	Method for computer internet remote management of a telecommunication network element	20020326 709/223
US 6345291 B1	Multiplexing of clients and applications among multiple servers	20020205 709/208
US 6338089 B1	Method and system for providing session pools for high performance web browser and server	20020108 709/227
US 6317761 B1	Technique for implementing browser-initiated user-transparent advertising and for interstitiall	20011113 715/513
US 6314451 B1	Ad controller for use in implementing user-transparent network-distributed advertising and for	20011106 709/203
US 6311269 B1	Trusted services broker for web page fine-grained security labeling	20011030 713/154
US 6295550 B1	Session creation mechanism for collaborative network navigation	20010925 709/204
US 6272673 B1	Mechanism for automatically establishing connections between executable components of a l	20010807 717/100
US 6185600 B1	Universal viewer/browser for network and system events using a universal user interface gen	20010206 709/203
US 6049664 A	Tier-neutral development mechanism for hypertext based applications	20000411 717/174
US 5944790 A	Method and apparatus for providing a web site having a home page that automatically adapts	19990831 709/218
JP 2004062873 A	BROWSER SESSION MOBILITY SYSTEM FOR MULTIPLATFORM APPLICATION	20040226
WO 2079951 A2	NETWORK BANNER ADVERTISEMENT SYSTEM AND METHOD	20021010
US 20050108390 A	Browser sessions management in single/multi-server workflow environment, involves providir	20050519
US 20040193424 A	State information maintaining method for online transaction, involves storing state informato	20040930
JP 2004062873 A	Browser session mobility method using Internet, involves converting browser side run time sit	20040226
US 20040003351 A	Computer program product for browser session navigation, retrieves content of resource pag	20040101

US 20030132958 A	Web content managing method, involves detecting time-out condition in browser session for a	20030717
US 20020116489 A	Web session sharing method involves detecting trigger event generated on clients and accom	20020822
US 20020051541 A	Transaction state maintenance method between client and server in Internet, involves using s	20020502
CA 2310535 A	Vault controller for secure multiple browser session in e-commerce uses context manager to :	20001230
JP 11031129 A	Multiple world wide web (WWW) server cooperation system - manages and authenticates effi	19990202